

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

DR-511

Effective February 1, 2012

Reevaluation Date: **December 2014**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 9020 Fiberglass Glazed Inswing Side Hinged Door with Sidelites, Non-impact Resistant,
manufactured by

Kinro, Inc.
2423 Messick Road
Goshen, Indiana 46526
Telephone: (574) 312-6264

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 9020 Fiberglass Glazed Inswing Hinged Door with Sidelites; (OXO)	R-PG50 66 x 82-LW-SHD	± 50 psf

Component Dimensions:

System	Overall Size	Panel Size / Sidelite Size	Daylight Opening Size
1	66" x 81 1/2"	Panel: 37 7/8" x 79 1/2" Sidelite: 13 3/4" x 79 1/2"	Panel: 24" x 38" Sidelite: 9 3/4" x 38"

Hardware:

- 3 1/2" butt hinges; Ultra Hardware, three (3) required per door; Each hinge is secured to the door panel with three (3) No. 9 x 1" screws. Each hinge is secured to the door side jambs with three (3) screws, two (2) No. 9 x 5/8" screws utilized at the outermost holes and one (1) No. 6 x 3" screw utilized in the middle hole to secure the door to the wall framing.
- Lockset handle/knob; EZ-Set Model No. 230498, one (1) required.
- Lockset strike plate; EZ-Set; one (1) required; Secured with one (1) No. 6 x 2" screw and one (1) No. 8 x 3" screw through the door frame and into the wall framing.
- Deadbolt cylinder; EZ-Set Model BP-200S-US32D; one (1) required.
- Deadbolt strike plate; EZ-Set; one (1) required; Secured with one (1) No. 6 x 2" screw and one (1) No. 8 x 3" screw through the door frame and into the wall framing.

Product Identification (Certification label on door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KIN-18
	Product Name	9020 SHD
	Test Standards	AAMA/WDMA./CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door frame head and side jambs are secured to the wall framing using the nailing flange with minimum No. 8 screws. The fasteners are spaced approximately 6-8 inches from each corner and approximately 6-8 inches on center. In addition, the frame is secured to the wall framing with one (1) No. 8 x 3" screw through each hinge and one (1) No. 8 x 3" screw through each strike plate. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wood wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) the International Building Code (IBC), and the Texas Revisions.